ROBINS
SINCE 1983

Signature brand

Exactly

• Highest Possible Precision • No Comparision • The Passion of "New & Better"

RUBI BORE 1.5 Smart
Cylinder Boring Machines

US PATENTS BY ROBINS US 2024 / 0042561 A1 | US 17/892,165

★ High Speed ★ High Production ★ Traditional Micron Accuracy

RUBi PLATO BORING™
Saves up to 90% honing time

Exactly

Step # 1
Plato bore to exact size

Step # 2
Cross hatch followed by brush honing.

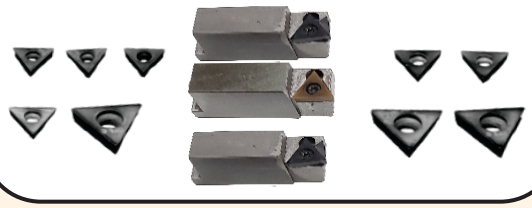
"END OF STORY"

After years of research and trials, Robins proudly offer:

New Revolutionary Concept In Cylinder Block Boring

- After rough and fine boring cycles Rubi-Plato boring cycle produces Wt. values (highest peak to deepest valley) & Ra values exceeding traditional finish honing values.
- Rubi-Plato boring eliminates any torn crystals & folded cast iron material left in bore cavities after finish boring cycle.
- Reduces honing cycle time upto 90%
- Eliminates problems related to honing accuracies.
- Eliminates possible metal foldment caused by diamond honing process.

RUBI-hard
Premium Carbide & CBN Inserts



Touch Button Automated

1. Simply float Spindle Head above "cylinder bore"
2. Manually Center cylinder bore, press auto cycle
3. Spindle Retracts after boring cycle is completed

06-24

EVERY CUSTOMER SINCE 1983 HAS BEEN "ROBINS-TESTIMONIAL"

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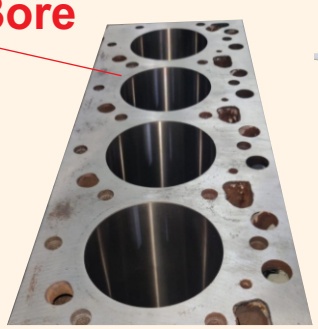

BENEFITS

- No skills and no CNC training
- 2-3 times faster and easier to use
- Learn to operate Rubi-Bore in less than 30-minutes
- Makes traditional vertical boring machines obsolete.
- Suitable for two wheeler and four wheeler cylinder blocks

KEY FEATURES

- Built-in centering system-covers entire range.
- Heavy Duty clamping system for cyl. blocks.
- Automated boring cycles
- Auto-tool index at bottom of bore to prevent tool-drag.
- Auto spindle retract.
- Rubi-Super-hard premium indexable inserts & tooling with direct setting micrometer.

SPECIFICATIONS

Boring Range	2.200"-4.100"(56-105 mm)
Boring Depth	9" (225mm)
Cyl. Block Length	19" (480 mm)
Spindle Speed	200 - 800 RPM Variable
Spindle Feed	Up to 6"/Min (150 mm/min) (Variable & Independent of Spindle speed)
Electrical	208 - 240 Volts Single Phase (50 - 60 Hz.)

42 Years of Legacy

ROBINS

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